

ONE THOUSAND RUPEES
Rs.1000

3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein and undertaking routine maintenance for five years, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

- (i) Letter of Acceptance;
- (ii) Notice to proceed with the works;
- (iii) Contractor's Bid;
- (iv) Contract Data;
- (v) Special Conditions of Contract;
- (vi) General Conditions of Contract;
- (vii) Specifications;
- (viii) Drawings;
- (ix) Bill of Quantities; and
- (x) Any other document listed in the Contract Data as forming part of the contract.

In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of _____

was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said _____

in the presence of:

Binding Signature of Employer _____

Binding Signature of Contractor _____

Dhirendra Construction Pvt. Ltd.

Subbar
Director

01/11/22
कार्यपालक समित्यता
ग्रामिण कार्य विभाग
कार्य प्रमण्डल चार्टर
28/11/22
28.11.22

Name of Work: Construction of Road & CD Works of :- Solapur FWD Road to Sitalpur Gramin Road Tak, Length -3.337 Km., Block -
Kalyandurg, District -East Champaran, UNDER MTR Construction Cost of Road - 144.551 Lacs & 5 Years Maintenance Cost - 29.357 Lacs

Contract No: Civil Works/

Contract No: Civil Works:

Bidder
Name:

Excess (+) %

SCHEDULE OF WORKS

(This B.O.Q template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
1.00	Cleaning and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201.	0.667	Ha	59726.130	39861.22
2.00	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead up to 1000m as per Technical Specification clause.	1431.540	Cum	254.040	356047.22
3.00	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. (By mix in place method). For Grading 3 Material	81.660	Cum	2421.310	197724.17
4.00	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405 WBIM Grading 2 (By Mechanical Means)	76.560	Cum	4593.470	350950.46
5.00	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405 WBIM Grading 3 (By Mechanical Means)	119.070	cum	4542.180	540637.37
6.00	Providing and applying primer coat with Bitumen emulsion (55-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502.	1587.600	Sqm	59.070	93779.53
7.00	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and doped with hydraulic broom as per technical specification clause 503.	7836.975	Sqm	24.110	189015.70
8.00	Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type B) aggregates using penetration grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 8-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 509	1567.600	Sqm	245.240	389343.02

Signature of Tenderer with seal

Dhirendra Construction Pvt. Ltd

Director

कार्यप्रलोक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल बकिया

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
9.00	Providing and laying semi-dense bituminous concrete with 100-120 15% batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects.	150.240	cum	13268.160	2076142.12
10.00	Construction of un-reinforced plain cement thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1501.2.2 M 30 grade coarse and fine aggregate maximum size of aggregate not exceeding 25mm, mixed in a concrete of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing) spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, dowel bars, near approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slab for 14 days curing compound (where specified) and water finishing to lines and grade as per drawing and Technical specification clause 1501.	626.300	Cum	8057.640	5127076.33
11.00	Analysis of Plain Concrete Pavement Construction of un-reinforced, dowel jointed at expansion and construction joint only, plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade) coarse and fine aggregates conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, dowel bars, near approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slabs for 14 days, using curing compound (where specified) and water finishing to lines and grade as per drawing and Technical Specification Clause 1501	241.260	Cum	8695.870	2098043.80
12.00	Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC-8 fixing in position including painting and printing, etc as per drawing and technical specification clause 1703. i) Km stone	4.000	No.	2894.340	11577.36
13.00	Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC-8 fixing in position including painting and printing, etc as per drawing and technical specification clause 1703. ii) 200 m stone	13.000	No.	810.740	10539.62
14.00	Providing and fixing of retro-reflectorised cautionary, mandatory and informative sign as per IRC-67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 i) 600 mm equilateral & triangle,	12.000	Nos	4221.280	50655.36

Signature of Tenderer with seal

Dhirendra Construction Pvt. Ltd.

[Signature]
Director

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28/11/22 28.11.22

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	Amount Rs. P
				Figure	
15.00	Providing and fixing of retro-reflectors cautionary, mandatory and informative sign as per IRC-67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 (ii) 600 mm circular	4.000	No.	5485.870	21943.48
16.00	Providing and fixing of retro-reflectors cautionary, mandatory and informative sign as per IRC-67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 (ii) 600 mm x 450 mm rectangular,	4.000	No.	5356.420	21425.68
17.00	Reinforced cement concrete M15 grade boundary pillars/focal stone of standard design as per IRC-25, fixed in position including finishing and lettering but excluding painting as per drawing and Technical Specification Clause 1704	36.000	No.	614.440	22119.64
18.00	Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one	83.000	Each	1073.330	89084.39
19.00	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC-35. The finished surface to be level, uniform and free from streaks and holes.	330.000	Sqm	823.740	271834.20
20.00	At Edge for BT Portion Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC-35. The finished surface to be level, uniform and free from streaks and holes.	6.000	Sqm	823.740	6589.92
21.00	Pedestrian Crossing (2 m in length and providing at 50 cm apart) Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC-35. The finished surface to be level, uniform and free from streaks and holes.	337.400	Sqm	916.810	309331.69
22.00	At Edge for CC Portion Providing and fixing of typical M&GSY informative sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5mm (size on back on edges). The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos, 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1	3.000	No.	12667.040	38001.12
23.00	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a load of 56 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material.	28.000	Cum	350.880	9824.64
24.00	Providing concrete for plain reinforced concrete (M-10) in open foundations complete as per drawings and technical specifications. Clause 802, 803, 1202 & 1203	2.670	Cum	7296.610	19481.83

Signature of Tenderer with seal

Dhirendra Construction Pvt. Ltd.

Director

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प्रमाणित कार्य विभाग

कार्य प्रमाणित करिका

28/11/22

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
25.00	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M15	24.510	Cum	6926.090	169758.47
26.00	Providing and Laying Reinforced Cement Concrete Pipe NP3 1000 mm dia as per design in Single Row	7.500	M	7169.000	53768.18
27.00	Providing concrete for plain/reinforced concrete (M-20 Nominal mix 1:2:4) in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 Bed Portion	2.610	Cum	7566.010	19747.29
28.00	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8	33.390	Cum	851.920	28445.61
29.00	Guide Post	8.000	No	614.440	4915.52
30.00	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1205.4 Brick Masonry in c.m. (1:3) in parapet	8.740	cum	6522.170	57003.77
31.00	Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 613.4 & 1204 Plastering with cement mortar (1:4)	113.840	sqm	205.240	23364.52
32.00	Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new plastered / concrete surface as per drawing and technical specification clause 1701	80.640	sqm	114.730	9251.83
33.00	1% Labour Cess	1.000	No	126842.786	126842.79
34.00	12% GST	1.000	No	1522113.433	1522113.43
35.00	Add 10% Seigniorage Fee :	1.000	No	121900.000	121900.00
Total Construction Cost :					14455134.97
36.00	Maintenance for 1st year	1.000	Year	153842.00	153842.00
37.00	Maintenance for 2nd year	1.000	Year	267319.00	267319.00
38.00	Maintenance for 3rd year	1.000	Year	881190.00	881190.00
39.00	Maintenance for 4th year	1.000	Year	335854.00	335854.00
40.00	Maintenance for 5th year	1.000	Year	959110.00	959110.00
41.00	1% Labour Cess	1.000	No	25973.15	25973.15
41.00	12% GST	1.000	No	311677.80	311677.80
42.00	Add 10% Seigniorage Fee :	1.000	No	4700.00	4700.00
Five Year Maintenance Cost :					2939665.95
Total Estimated Cost in Figures					17394800.92
Say Amount					17,394,801.00
Quoted Rate in Words					

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकरीया

Dhirendra Construction Pvt. Ltd.

Signature of Tenderer with seal

Director

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कार्य प्रमण्डल चकरीया
28/11/22 28.11.22